Journal of Immunological Methods, 129 (1990) 297–298
Elsevier

Contents to volume 129 (1990)

Number 1 — 8 May 1990

Research reports

Fast plaque sizing and some applications of the technique in antibody feedback experiments
D.W. Dresser (U.K.) 1

Immunological detection of mycobacterial antigens in infected fluids, cells and tissues by latex agglutination. Animal model and clinical application
C.L. Cambiaso, J.P. Van Vooren and C.M. Farber (Belgium) 9

Comparison of two serum bactericidal assays for *Neisseria gonorrhoeae*
R.K. Pettit, J.C. Szuba and R.C. Judd (U.S.A.) 15

A simple and rapid method to determine hematopoietic growth factor activity
V. Kotnik and W.R. Fleischmann, Jr. (U.S.A.) 23

Identification of subpopulations of human macrophages through the generation of human macrophage hybridomas
K. Sperber, J. Bauer, A. Pizzimenti, V. Najfeld and L. Mayer (U.S.A.) 31

Electroacoustic production of murine hybridomas
D.W. Bardsley, J.E. Liddell, W.T. Coakley and D.J. Clarke (U.K.) 41

Labelling of T cell subsets under field conditions in tropical countries. Adaptation of the immuno-alkaline phosphatase staining method for blood smears
I.M. Lisse, H. Whittle, P. Aaby, M. Normark, A. Gyhrs and L.P. Ryder (The Gambia, Denmark) 49

Trimer and tetramer complexes containing C1 esterase inhibitor, C1r and C1s, in serum and synovial fluid of patients with rheumatic disease
A.-B. Laurell, U. Mårtensson and A.G. Sjöholm (Sweden) 55

Technical problems concerning the use of immunoblots for the detection of antinuclear antibodies
A.P. Van Dam, H.G. Van den Brink and R.J.T. Smeenk (The Netherlands) 63

Optimal fixation of cells for use in solid-phase ELISA
K. Carroll, B. Lannon and R. O'Kennedy (Ireland) 71

Comparison and accuracy of methodologies employed for analysis of hydropathy, flexibility and secondary structure of proteins
M.C. Huang, J.M. Seyer and A.H. Kang (U.S.A.) 77

Development of a new culture system for human lymphokine-activated killer cells
M. Murata, T. Yano, M. Togami, K. Yasumoto, K. Sugimachi, G. Kimura and K. Nomoto (Japan) 89

A rapid and robust particle-enhanced turbidimetric immunoassay for serum β_2 microglobulin
E.A. Medcalf, D.J. Newman, A. Gilboa, E.G. Gorman and C.P. Price (U.K., U.S.A.) 97

A simple method for the radioactive iodination of CD4 molecules
P. Portolés, J.M. Rojo and C.A. Janeway, Jr. (U.S.A.) 105

A sensitive and reproducible method for the assay of human islet cell antibodies
C.C. Pilcher and R.B. Elliott (New Zealand) 111

A novel carbodiimide coupling method for synthetic peptides. Enhanced anti-peptide antibody responses
C. Deen, E. Claassen, K. Gerritse, N.D. Zegers and W.J.A. Boersma (The Netherlands) 119

A cytofluorometric method to quantify membrane antigens on individual alveolar macrophages
W. Pankow, K. Neumann, J. Rüschoff, J. Heymanns and P. Von Wichert (F.R.G.) 127

Technical note

Subcutaneous immunization of rabbits with nitrocellulose paper strips impregnated with microgram quantities of protein
L.G. Coghlan and M. Hanausek (U.S.A.) 135

Short communications

Sodium pyruvate inhibits the spontaneous release of ^{51}Cr from RBC in chromium release assays
A.S. Colsky and J.S. Peacock (U.S.A.) 139

Mean cell volume of human blood leucocytes and resident and activated murine macrophages
P.H. Nibbering, T.P.L. Zomerdijk, A.J. Corsèl-Van Tilburg and R. Van Furth (The Netherlands) 143

0022-1759/90/$03.50 © 1990 Elsevier Science Publishers B.V. (Biomedical Division)

Book review 147

Announcement from the publisher 148

Notes to authors 149

Number 2 — 25 May 1990

Research reports

Single incubation multilayer immune technique
W.L. Naser (F.R.G.) 151

Development of an enzyme-linked immunosorbent assay for caffeine
S.A. Fickling, S.M. Hampton, D. Teale, B.A. Middleton and V. Marks (U.K.) 159

Preservation of cytotoxic function during multi-cycle immunomagnetic cell separations of human NK cells using a new type of magnetic bead
E. Pfiueger, E.A. Mueller and F.A. Anderer (F.R.G.) 165

Technical aspects of typing for HLA-DP alleles using allele-specific DNA in vitro amplification and sequence-specific oligonucleotide probes. Detection of single base mismatches
L. Fugger, N. Morling, L.P. Ryder, N. Ødum and A. Svejgaard (Denmark) 175

Modification, optimization and simplification of the spot ELISA technique for the enumeration of cells secreting anti-hapten antibodies
G. Greene, J. Hodous, R.Z. Dintzis and H.M. Dintzis (U.S.A.) 187

A novel technique for the production of hybrid antibodies
T.M. Moran, O. Usuba, E. Shapiro, L.J. Rubinstein, M. Ito and C.A. Bona (U.S.A., Japan) 199

Effective separation of the 52 kDa SSA/Ro polypeptide from the 48 kDa SSB/La polypeptide by altering conditions of polyacrylamide gel electrophoresis
J.P. Buyon, S.G. Slade, E.K.L. Chan, E.M. Tan and R. Winchester (U.S.A.) 207

Covalent binding of detergent-solubilized membrane glycoproteins to 'Chemobond' plates for ELISA
H.U. Lutz, P. Stammler and E.A. Fischer (Switzerland) 211

Cross-reactive affinity purification of immunoglobulin recognizing common gram-negative bacterial core antigens
J.W. Tyler, J.S. Cullor and J.D. Dellinger (U.S.A.) 221

Increased monoclonal antibody ascites production in mice primed with Freund's incomplete adjuvant
S.L. Jones, J.C. Cox and J.E. Pearson (Australia) 227

A new liquid-phase enzyme immunoassay for rabbit IgM antibodies and its application for comparing the specificity of IgM and IgG antibodies contained in the same antiserum
H. Tanimori and T. Kitagawa (Japan) 233

Efficient production of mouse and rat monoclonal antibodies against the O antigens of *Salmonella* serogroup C_1, using LPS-coated bacteria as immunogen
J.M.C. Luk, N.A. Nnalue and A.A. Lindberg (Sweden) 243

Monoclonal antibody production in semi-continuous serum- and protein-free culture. Effect of glutamine concentration and culture conditions on cell growth and antibody secretion
Y.-J. Schneider and A. Lavoix (Belgium) 251

Automation of limiting dilution cytotoxicity assays
N.J. Alp, J.G.P. Sissons and L.K. Borysiewicz (U.K.) 269

Flow sorting of hybrid hybridomas using the DNA stain Hoechst 33342
L. Karawajew, S. Rudchenko, T. Wlasik, I. Trakht and V. Rakitskaya (G.D.R., U.S.S.R.) 277

A new photometric microassay for the quantitation of macrophage Fc receptor function. In vitro enzyme-containing immune complexes clearance (EIC) assay
T. Matsumoto, M. Tanaka, H. Yamada and J.-C. Cyong (Japan) 283

Book reviews 291

Announcement 295

Announcement from the publisher 296

Contents to volume 129 (1990) 297

Notes to authors 299